

prosecution of patent applications. . ”

clearly referring to the disclosure as distinguished form the claims. Applicant therefore requests a reconsideration of the applicability of MPEP 707.07(j) in this case and due consideration of applicant's request for the examiner to write acceptable claims.

Amendment

Applicant requests that the case be amended as follows:

In the Claims:

Please cancel claims 21 through 40 and substitute new claims 41 through 60 as follows:

- 41 A method of illustrating the discrete steps of a deductive reasoning sequence of symbols, by means of creating a continuous transition between said steps, said continuous transition expressed by creating intermediate expressions, not a part of the expression of said deductive reasoning, further wherein said symbols are selected from the group consisting of mathematical symbols and chemical symbols and biological symbols and economic symbols and alphabetic symbols and numeric symbols and language symbols.
- 42 The methods of claim 41 wherein said presentation is on a computer controlled display device.
- 43 The methods of claim 41, further comprising a method for calculating said intermediate presentations.
- 44 The methods of Claim 41 wherein said animation methods are selected from the group consisting of:
 - (a) moving of said symbol along a prescribed path;
 - (b) changing of said symbol to other symbols;
 - (c) splitting of said symbol into copies;
 - (d) causing said symbol to fade out;

- (e) causing said symbol to fade in;
 - (f) adding of pictorial additions to said symbol;
 - (g) removing of pictorial additions from said symbol.
- 45 The methods of Claim 41 further comprising a method for displaying an illustrative animated picture, and a method for synchronizing the animations of said picture with said animations of said representations.
- 46 The methods of Claim 41 further comprising a method for accepting user input and responding to user input.
- 47 The methods of Claim 46 further comprising a method for changing said display in response to said user input.
- 48 The methods of Claim 47 further comprising computer controlled voice explanations of said animations, and methods of synchronizing said voice with said animations.
- 49 The methods of Claim 48 additionally comprising:
 - (a) a method for converting text to speech,
 - (b) a method of using a text script to control the synchronization of said voice with said animations.
- 50 The methods of Claim 49 additionally comprising a method for highlighting, in real time, said displayed symbols in synchronism with said voice explanations.
- 51 The methods of Claim 41 wherein said presentation is for use in the teaching of rules of said deductive reasoning steps.
- 52 The methods of Claim 42 wherein said presentation is for use in the teaching of said deductive reasoning steps.
- 53 The methods of Claim 43 wherein said presentation is for use in the teaching of said

deductive reasoning steps.

- 54 The methods of Claim 44 wherein said presentation is for use in the teaching of said deductive reasoning steps.
- 55 The methods of Claim 45 wherein said presentation is for use in the teaching of said deductive reasoning steps.
- 56 The methods of Claim 46 wherein said presentation is for use in the teaching of said deductive reasoning steps.
- 57 The methods of Claim 47 wherein said presentation is for use in the teaching of said deductive reasoning steps.
- 58 The methods of Claim 48 wherein said presentation is for use in the teaching of said deductive reasoning steps.
- 59 The methods of Claim 49 wherein said presentation is for use in the teaching of said deductive reasoning steps.
- 60 The methods of Claim 50 wherein said presentation is for use in the teaching of said deductive reasoning steps.